

LED Test Report

Product Mark

Product Type : F52-300-3200S2

Manufacturer :

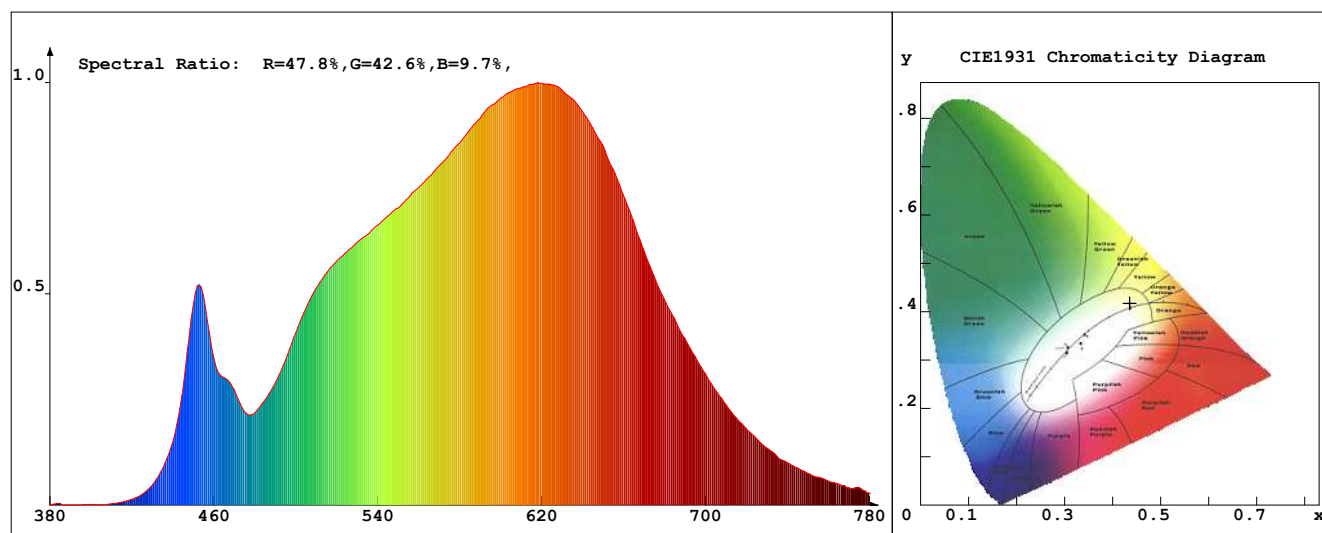
Temperature : 1m'C

Humidity : %

Operator :

Test Date : 13-04-22 11:31:02

Remark:



Chroma Parameters

Chro.Coord.: $x=0.4355$ $y=0.4177$ $u=0.2439$ $v=0.3509$ $duv=0.0056$

CCT: 3133K Dominant Wave.: 580.4nm Purity: 56.1% Centre Wave: 592.4nm

Flux RGB Ratio: $R=21.9\%$, $G=76.5\%$, $B=1.6\%$ Peak Wave: 618.5nm Half Width: 169.6nm

Rendering Index: $R_a=90.2$ CRI= 86.7

$R_1=89$	$R_2=93$	$R_3=97$	$R_4=91$	$R_5=89$	$R_6=91$	$R_7=93$	$R_8=79$
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$R_9=49$	$R_{10}=83$	$R_{11}=91$	$R_{12}=72$	$R_{13}=90$	$R_{14}=98$	$R_{15}=84$
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PPF: 11.001 $\mu\text{mol/s}$ (400-700nm)

PRF: 2.3mW (400-700nm)

PAR: 2.0mW (400-700nm)

Photo Parameters

Flux: 752.04lm Effi.: 95.3lm/W Radiant: 2384.6mW Iv: 0.0mcd

Scotopic Flux: 1067.4Plm Effi.: 0.0Plm/W S/P: 1.4

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 11783.000 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Voltage: $U=23.99\text{V}$ Current: $I=0.3290\text{A}$ Power: $P=7.920\text{W}$ Power Factor: $PF=1.000$

Instrument state

Instrument: Lisun

Integral Time: 234.206ms

VPeak: 15240

VDark: 1209

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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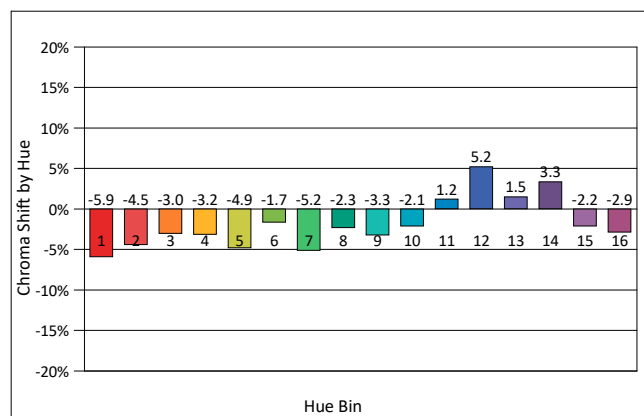
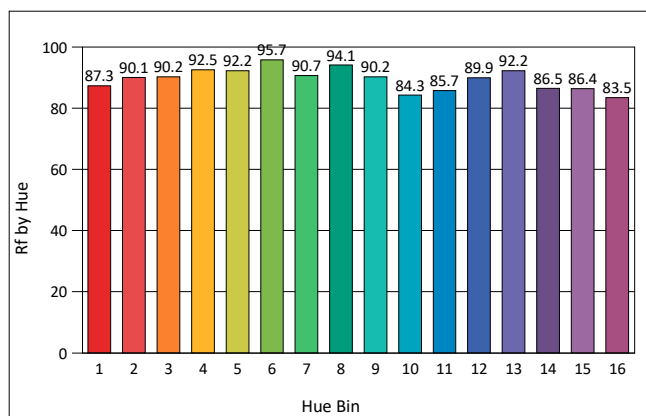
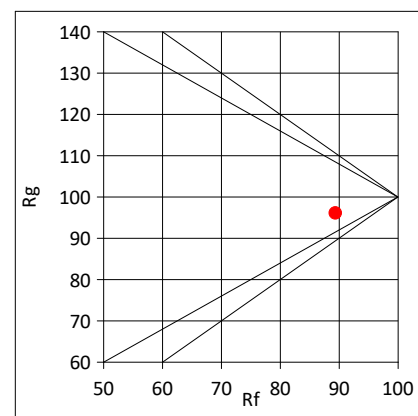
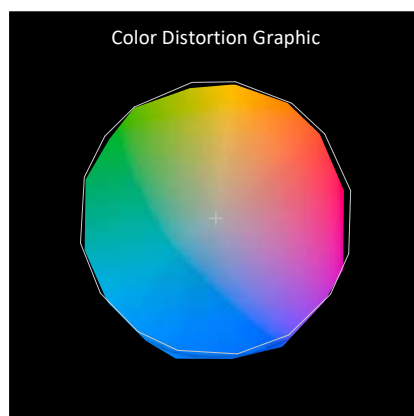
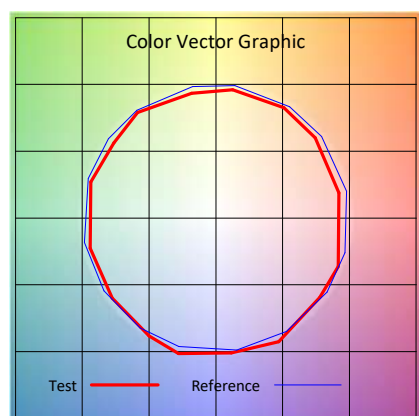
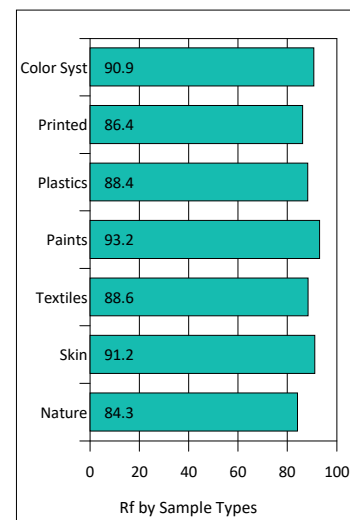
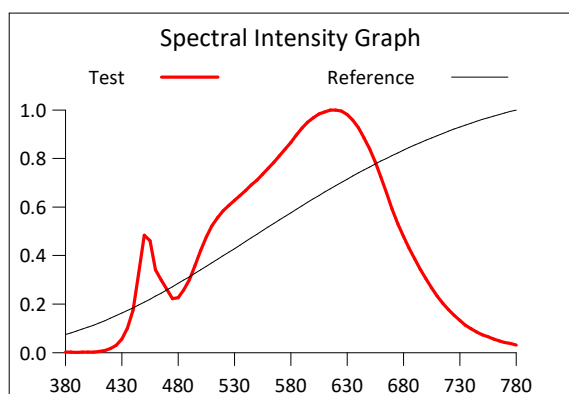
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Rf: 89.4 CCT(K): 3133 u': 0.2439
Rg: 96.1 LER: 304.2 Duv: 0.0056 v': 0.3509

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	87.3	-5.9%	0.0%
2	90.1	-4.5%	1.8%
3	90.2	-3.0%	3.3%
4	92.5	-3.2%	1.2%
5	92.2	-4.9%	1.6%
6	95.7	-1.7%	0.6%
7	90.7	-5.2%	0.3%
8	94.1	-2.3%	2.3%
9	90.2	-3.3%	5.0%
10	84.3	-2.1%	8.0%
11	85.7	1.2%	8.8%
12	89.9	5.2%	0.8%
13	92.2	1.5%	-4.5%
14	86.5	3.3%	-9.1%
15	86.4	-2.2%	-6.5%
16	83.5	-2.9%	-11.0%



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